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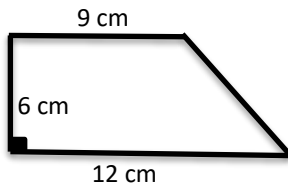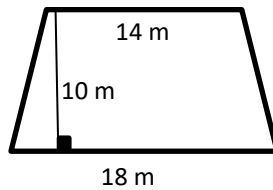# *Trapezoids*

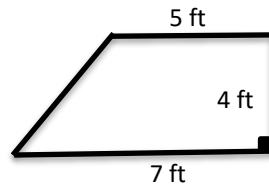✍ **Find the area of each trapezoid.**

1)

9 cm
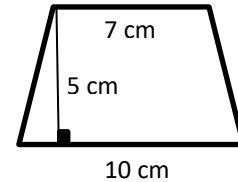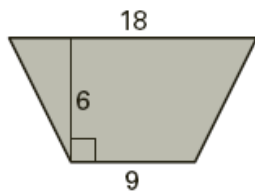6 cm
12 cm

2)

14 m
10 m
18 m

3)

5 ft
4 ft
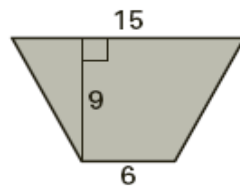7 ft

4)

7 cm
5 cm
10 cm

5)

18
6
9

6)

15
9
6

7)

6
4
6

8)
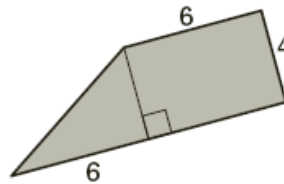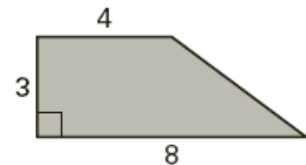
4
3
8

✍ **Solve.**

9) A trapezoid has an area of 60 cm² and its height is 6 cm and one base is 8 cm. What is the other base length? _____

10) If a trapezoid has an area of 65 ft² and the lengths of the bases are 12 ft and 14 ft, find the height. _____

11) If a trapezoid has an area of 180 m² and its height is 12 m and one base is 20 m, find the other base length. _____

12) The area of a trapezoid is 625 ft² and its height is 25 ft. If one base of the trapezoid is 15 ft, what is the other base length? _____

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Answers

Trapezoids

1) $63 \; cm^2$
2) $160 \; m^2$
3) $24 \; ft^2$
4) $42.5 \; cm^2$

5) 81
6) 94.5
7) 36
8) 18
9) $12 \; cm$

10) $5 \; ft$
11) $10 \; m$
12) $35 \; ft$